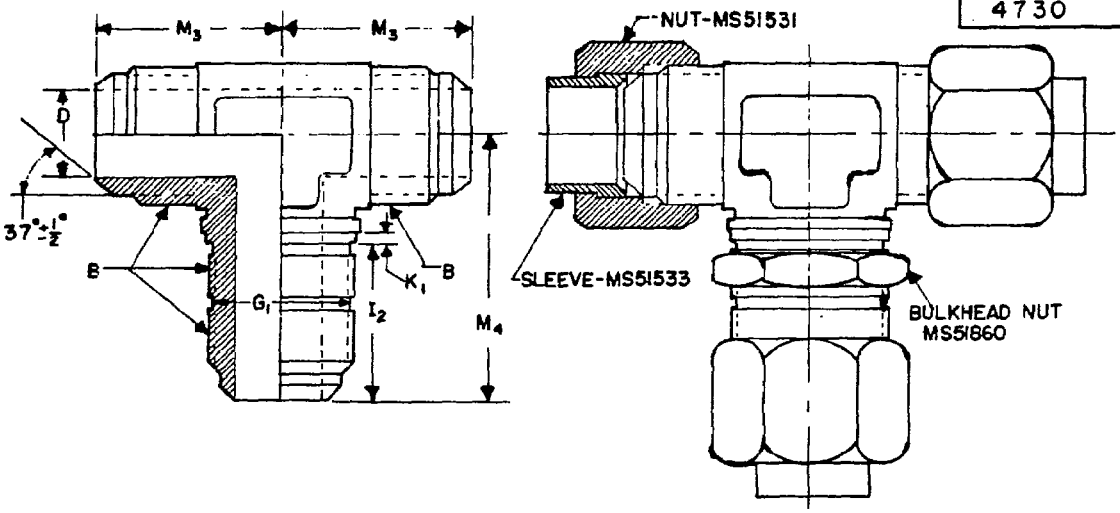
FED. SUP CLASS
4730



DASH NUMBER		TUBE OD	B STRAIGHT THREAD	D DIAMETER		G_1	I_2	K_1	M_3	M_4
BODY	ASSY	NOM		BASIC	TOLERANCE	+.002 -.003	±.020	±.020	±.030	±.030
B2	A2	1/8	5/16-24 UNF-2A	.062	±.003	.250	.920	.094	.840	1.420
B3	A3	3/16	3/8 -24 UNF-2A	.125		.313	.920	.094	.910	1.450
B4	A4	1/4	7/16-20 UNF-2A	.172		.364	1.020	.094	.970	1.590
B5	A5	5/16	1/2 -20 UNF-2A	.234		.427	1.020	.094	1.030	1.620
B6	A6	3/8	9/16-18 UNF-2A	.297	±.004	.482	1.090	.094	1.090	1.610
B8	A8	1/2	3/4 -16 UNF-2A	.391		.660	1.250	.125	1.360	2.110
B10	A10	5/8	7/8 -14 UNF-2A	.484		.773	1.390	.125	1.560	2.390
B12	A12	3/4	1-1/16-12 UN-2A	.609	±.005	.945	1.560	.125	1.780	2.670
B16	A16	1	1-5/16-12 UN-2A	.844	+.007-.005	1.195	1.560	.125	1.940	2.800
B20	A20	1-1/4	1-5/8 -12 UN-2A	1.078	+.008-.005	1.507	1.610	.125	2.170	3.120
B24	A24	1-1/2	1-7/8 -12 UN-2A	1.312		1.756	1.620	.125	2.340	3.420
B32	A32	2	2-1/2 -12 UN-2A	1.781	+.010-.005	2.381	1.910	.125	2.890	4.110

NOT RECOMMENDED FOR NEW DESIGN

NOTES:

1. MATERIAL: Steel, carbon in accordance with procurement specification.
   Steel, corrosion-resisting in accordance with procurement specification.
2. PROTECTIVE COATING: Cadmium plated in accordance with procurement specification.
   Zinc plated in accordance with procurement specification.
   Phosphate coating in accordance with procurement specification.
   Passivation treatment in accordance with procurement specification.
3. THREADS: Threads shall be in accordance with Screw-Thread Standard for Federal Services, Handbook H28.
4. PART NUMBER: The MS part number consists of the MS number plus the dash number.
   A. For body only, cadmium plated, use the MS number, plus the body dash number. Example: MS51515B2.
   B. For complete assembly (with nuts and sleeves), cadmium plated, use the MS number, plus the assembly dash number. Example: MS51515A2.
   C. For zinc coating add (Z) to the dash number. Example: MS51515B2Z or MS51515A2Z.
   D. For phosphate coating add (P) to the dash number. Example: MS51515B2P or MS51515A2P.
   E. For corrosion-resisting steel add (S) to the dash number. Example: MS51515B2S or MS51515A2S.
5. For design feature purpose, this standard takes precedence over procurement documents referenced herein.
6. Reference documents shall be of the issue in effect on date of invitations for bid.
7. The illustration is for identification purpose only and is not intended to restrict design of shapes not dimensioned.
8. (A) After 17 January 1979 bodies will be used for production only and SHALL NOT be stocked for maintenance. Existing stock of bodies should be used until depleted.

APPROVED 20 DEC 1971 REVISED (A) 17 JANUARY 1979

MI-V1MAIR::CS-EL-ME
USAR: AT-MC-YD

This military standard is approved for use by all Departments and Agencies of the Department of Defense. Selection for all new engineering and design applications and for repetitive use shall be made from this document when applicable.

P.A. AR Other Cust OS	TITLE TEE, TUBE, BULKHEAD ON BRANCH, 37° FLARED	MILITARY STANDARD MS51515
PROCUREMENT SPECIFICATION MIL-F-18866	SUPERSEDES:	SHEET 1 OF 1

DD FORM 1 NOV 65 672-1 (Coordinated) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.